

NOTICE

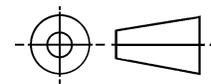
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

BRACKET, ANGLE, 90°, CRES  
.190 BOLT

**AS9592**  
SHEET 1 OF 4

ISSUED 1998-02 REAFFIRMED 2004-07

**AS9592**

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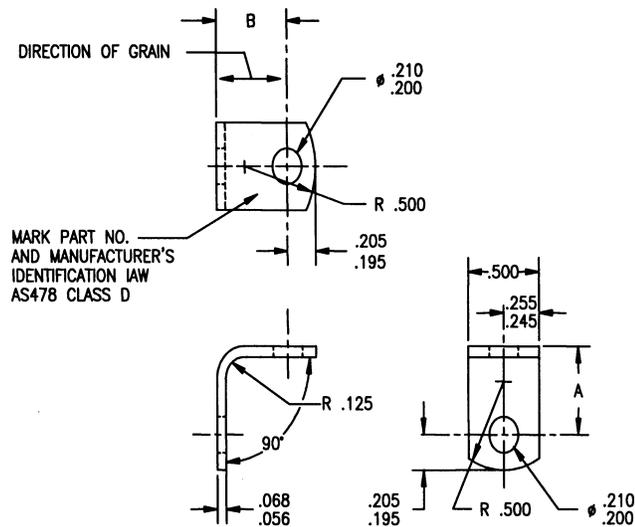


FIGURE 1 - ANGLE BRACKET

TABLE 1 - DASH NUMBERS AND DIMENSIONS

| B<br>LENGTH | A-LENGTH     |         |         |         |         |         |
|-------------|--------------|---------|---------|---------|---------|---------|
|             | .438         | .500    | .562    | .625    | .688    | .750    |
|             | DASH NUMBERS |         |         |         |         |         |
| .438        | -005 1/      |         |         |         |         |         |
| .500        | -006 1/      | -046 1/ |         |         |         |         |
| .562        | -007 1/      | -047 1/ | -087 1/ |         |         |         |
| .625        | -008 1/      | -048 1/ | -088 1/ | -128    |         |         |
| .688        | -009 1/      | -049 1/ | -089 1/ | -129    | -169    |         |
| .750        | -010 1/      | -050 1/ | -090 1/ | -130 1/ | -170 1/ | -210 1/ |
| .812        | -011         | -051    | -091    | -131    | -171    | -211    |
| .875        | -012 1/      | -052 1/ | -092 1/ | -132 1/ | -172 1/ | -212 1/ |
| .938        | -013         | -053    | -093    | -133    | -173    | -213    |
| 1.000       | -014 1/      | -054 1/ | -094 1/ | -134 1/ | -174 1/ | -214 1/ |
| 1.062       | -015         | -055    | -095    | -135    | -175    | -215    |
| 1.125       | -016 1/      | -056 1/ | -096 1/ | -136 1/ | -176 1/ | -216 1/ |
| 1.188       | -017         | -057    | -097    | -137    | -177    | -217    |
| 1.250       | -018 1/      | -058 1/ | -098 1/ | -138 1/ | -178 1/ | -218 1/ |
| 1.312       | -019         | -059    | -099    | -139    | -179    | -219    |
| 1.375       | -020 1/      | -060 1/ | -100 1/ | -140 1/ | -180 1/ | -220 1/ |
| 1.438       | -021         | -061    | -101    | -141    | -181    | -221    |
| 1.500       | -022 1/      | -062 1/ | -102 1/ | -142 1/ | -182 1/ | -222 1/ |
| 1.562       | -023         | -063    | -103    | -143    | -183    | -223    |
| 1.625       | -024 1/      | -064 1/ | -104 1/ | -144 1/ | -184 1/ | -224 1/ |
| 1.688       | -025         | -065    | -105    | -145    | -185    | -225    |
| 1.750       | -026 1/      | -066 1/ | -106 1/ | -146 1/ | -186 1/ | -226 1/ |
| 1.875       | -027 1/      | -067 1/ | -107 1/ | -147 1/ | -187 1/ | -227 1/ |

1/ PREFERRED SIZES

TABLE 1 - DASH NUMBERS AND DIMENSIONS - CONTINUED

| B<br>LENGTH  | A-LENGTH |         |      |         |
|--------------|----------|---------|------|---------|
|              | .812     | .875    | .938 | 1.000   |
| DASH NUMBERS |          |         |      |         |
| .812         | -251     |         |      |         |
| .875         | -252     | -292 1/ |      |         |
| .938         | -253     | -293    | -333 |         |
| 1.000        | -254     | -294 1/ | -334 | -374 1/ |
| 1.062        | -255     | -295    | -335 | -375    |
| 1.125        | -256     | -296 1/ | -336 | -376 1/ |
| 1.188        | -257     | -297    | -337 | -377    |
| 1.250        | -258     | -298 1/ | -338 | -278 1/ |
| 1.312        | -259     | -299    | -339 | -379    |
| 1.375        | -260     | -300 1/ | -340 | -380 1/ |
| 1.438        | -261     | -301    | -341 | -381    |
| 1.500        | -262     | -302 1/ | -342 | -382 1/ |
| 1.562        | -263     | -303    | -343 | -383    |
| 1.625        | -264     | -304 1/ | -344 | -384 1/ |
| 1.688        | -265     | -305    | -345 | -385    |
| 1.750        | -266     | -306 1/ | -346 | -386 1/ |
| 1.875        | -267     | -307 1/ | -347 | -387 1/ |

## REQUIREMENTS:

1. MATERIAL. CORROSION RESISTANT STEEL IN ACCORDANCE WITH AMS 5510.
2. DIMENSIONS AND TOLERANCING. DIMENSIONS AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
3. TOLERANCES. UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS  $\pm 0.10$ , ANGULAR DIMENSIONS  $\pm 5^\circ$ .
4. PART NUMBER. THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1.

EXAMPLE: MS9592-005



MS9592-005 INDICATES - BRACKET, ANGLE, 90°, CRES, .190 BOLT, LENGTH A, .438, LENGTH B, .438.

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED DASH NUMBERS.
3. REMOVE BURRS AND BREAK SHARP EDGES.
4. APPROXIMATE WEIGHT LB/100 = .877 (A+B) +.157.
5. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.